

**DEPARTMENT OF TRANSPORTATION****DIVISION OF ENGINEERING SERVICES**

Office of Structural Materials

Quality Assurance and Source Inspection



Bay Area Branch

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Contract #: 04-0120F4Cty: SF/ALA Rte: 80 PM: 13.2/13.9File #: 69.28**WELDING INSPECTION REPORT****Resident Engineer:**Pursell, Gary**Address:** 333 Burma Road**City:** Oakland, CA 94607**Report No:** WIR-008430**Date Inspected:** 08-Jul-2009**Project Name:** SAS Superstructure**OSM Arrival Time:** 645**Prime Contractor:** American Bridge/Fluor Enterprises, a JV**OSM Departure Time:** 1845**Contractor:** Zhenhua Port Machinery Company, Ltd (ZPMC), Changxing Island **Location:** Shanghai, China**CWI Name:** Zhu Zhon Hai /Shen fu you**CWI Present:** Yes No**Inspected CWI report:** Yes No N/A**Rod Oven in Use:** Yes No N/A**Electrode to specification:** Yes No N/A**Weld Procedures Followed:** Yes No N/A**Qualified Welders:** Yes No N/A**Verified Joint Fit-up:** Yes No N/A**Approved Drawings:** Yes No N/A**Approved WPS:** Yes No N/A**Delayed / Cancelled:** Yes No N/A**Bridge No:** 34-0006**Component:** OBG Components**Summary of Items Observed:**

On this date Caltrans OSM Quality Assurance (QA) Inspector, S.Chandrakumar was present during the time noted above for observations relative to the work being performed.

BAY#14

Ongoing cleaning and debris removal in between the stiffener area where the Grouting is going to take place checked in 1AAW.

Ongoing SMAW Welding of Weld Joint 4F-129 Located on SEG035D of 7BW Welder no indentified as 068097 and The welding variables recorded by QC ZMPC Mr. Li Ming Yang to comply with the WPS-B-P-2114-FCM-1.

Ongoing FCAW Welding of Weld joint 2G-246 Located on SSD14A-PP53 Welder no indentified as 045175 and the welding variables recorded by QC ZMPC Mr. Li Ming Yang to comply with the WPS-B-T-2232-Tc-U4b-F.

BAY#19

Ongoing FCAW Welding of Weld Joint 2F-066 Located on SB016-078 Welder no indentified as 062763 and The welding variables recorded by QC ZMPC Mr. Zhou cheng to comply with the WPS-B-T-2132.

Fit-up of Cross beam bottom plate BP025-007-44,46 (2F) checked with ZPMC QC Mr.Zhu zhonghai to comply with the WPS-B-T-2132-3.

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## WELDING INSPECTION REPORT

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BAY#13

Ongoing SMAW Welding of Weld Joint 3G-12 Located on SEG043\* of 8AW Welder no indentified as 048047 and The welding variables recorded by QC ZMPC Mr. Wang Xu to comply with the WPS-B-P-2213-B-U2.

Unless otherwise noted, all observed on this date appeared to generally comply with applicable contract documents

**Summary of Conversations:**

No Relevant Conversation.

**Comments**

This report is for the purpose of determining conformance with the contract documents and is not for the purpose of making repair or fit for purpose recommendations. Should you require recommendations concerning repairs or remedial efforts please contact Jim Simonis - 134-7246-3441, who represents the Office of Structural Materials for your project.

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<b>Inspected By:</b>	Kumar,Chadra	Quality Assurance Inspector
<b>Reviewed By:</b>	Clifford,William	QA Reviewer

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